



PTO/SB/08A (08-03)  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/627,065
				Filing Date	07/24/2003
				First Named Inventor	Kamaljit S. Paul
				Art Unit	3733
				Examiner Name	Annette R. Reimers
Sheet 1	Of 2			Attorney Docket Number	29678-1

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
XK		SU 1424824	09/23/1988	Korepanov	
		DE 251246	09/28/1912	Miner	
		FR 2435243	04/04/1980	Tornier	
		FR 2519857	07/22/1983	Tornier	
		FR 2556583	06/21/1985	Darmana et al.	
		FR 2740321	04/30/1997	Fuentes	
		FR 2810532	12/28/2001	Baccelli, et al.	
		EP 0 201 024	11/12/1986	Wolter	
		EP 0 410 309	01/30/1991	Biedermann, et al.	
		EP 0 455 255	11/06/1991	Ramotowski, et al.	
		EP 0 599 640	06/01/1994	Yapp, et al.	
		EP 0 809 971	04/09/2003	Benzel, et al.	
		EP 0 809 972	12/03/1997	Yuan, et al.	
		EP 0 897 697	02/24/1999	Richelsoph	
		EP 0 903 113	03/24/1999	Boszotta	
		EP 0 988 833	03/29/2000	Studer, et al.	
		EP 0 995 404	04/26/2000	Bueno, et al.	
		EP 1 106 144	06/13/2001	Lowery, et al.	
		EP 1 285 632	02/26/2003	Pico	
		EP 1 306 058	07/08/2002	Collins, et al.	
		EP 1 336 383	08/20/2003	Estes	
		EP 1 346 697	09/24/2003	Richelsoph, et al.	
MR		EP 1 364 623	11/26/2003	Errico, et al.	

Examiner Signature	<i>Annette Reimers</i>	Date Considered	12/20/04
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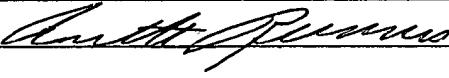
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AK		WO 88/03781	06/02/1988	Raveh	
		WO 91/03994	04/04/1991	Nemashkalov	
		WO 95/31941	11/30/1995	Barbera-Alacreu, et al.	
		WO 95/25474	09/28/1995	Biedermann	
		WO 96/05778	02/29/1996	Oxland, et al.	
		WO 96/08206	03/21/1996	Foley, et al.	
		WO 97/22306	06/26/1997	Foley, et al.	
		WO 98/51226	11/19/1998	Farris, et al.	
		WO 99/21502	05/06/1999	Bray	
		WO 00/66011	11/09/2000	Michelson	
		WO 00/78238	12/28/2000	Mazel, et al.	
		WO 01/01874	01/11/2001	Bolger, et al.	
		WO 01/49191	07/21/2001	Freid, et al.	
		WO 01/89400	11/29/2001	Servain	
		WO 01/89428	11/29/2001	Sofia	
		WO 02/076317	10/03/2002	Ferree	
		WO 02/080789	10/17/2002	Martz	
		WO 03/007826	01/30/2003	Burd, et al.	
		WO 03/071966	09/04/2003	Dinh, et al.	
AK		WO 2004/071276	08/26/2004	Songer, et al.	

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AK		Re.28,841	06/08/1976	Allgower, et al.	
		Re.31,628	07/10/1984	Allgower, et al.	
		D449,692	10/23/2001	Michelson	
		2,580,821	01/01/1952	Nicola	
		2,780,223	02/05/1957	Haggland	
		3,244,170	04/05/1966	McElvenny	
		3,534,731	10/20/1970	Muller	
		3,596,656	08/03/1971	Kaute	
		3,659,595	05/02/1972	Haboush	
		3,695,259	10/03/1972	Yost	
		3,741,205	06/26/1973	Markolf, et al.	
		4,388,921	06/21/1983	Sutter, et al.	
		4,484,570	11/27/1984	Sutter, et al.	
		4,488,543	12/18/1984	Tornier	
		4,794,918	01/03/1989	Wolter	
		4,943,292	07/24/1990	Foux	
		4,955,908	09/11/1990	Frey, et al.	
		4,957,497	09/18/1990	Hoogland, et al.	
		5,085,660	02/04/1992	Lin	
		5,108,395	04/28/1992	Laurain	
		5,113,685	05/19/1992	Asher et al.	
		5,129,903	07/14/1992	Luhr, et al.	
		5,147,360	09/15/1992	Dubousset	
		5,147,361	09/15/1992	Ojima, et al.	
AK		5,180,381	01/19/1993	Aust, et al.	

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*Amelia James**10/20/06*

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Sheet 2	Of	8		Attorney Docket Number	29670-1

U.S. PATENT DOCUMENTS					
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Number-Kind Code <sup>2</sup> (if known)					
AK		5,234,431	08/10/1993	Keller	
		5,261,910	11/16/1993	Warden, et al.	
		5,364,399	11/15/1994	Lowery, et al.	
		5,423,826	06/13/1995	Coates, et al.	
		5,478,342	12/26/1995	Kohrs	
		5,486,176	01/23/1996	Hildebrand, et al.	
		5,520,690	05/28/1996	Errico, et al.	
		5,520,696	05/28/1996	Wenstrom, Jr.	
		5,527,311	06/18/1996	Procter, et al.	
		5,531,746	06/02/1996	Errico, et al.	
		5,534,032	06/09/1996	Hodorek	
		5,549,612	08/27/1996	Yapp et al	
		5,569,247	10/29/1996	Morrison	
		5,601,553	02/11/1997	Trebing, et al.	
		5,603,713	02/18/1997	Aust, et al.	
		5,607,426	03/04/1997	Ralph, et al.	
		5,607,428	03/04/1997	Lin	
		5,620,443	04/15/1997	Gertzbein, et al.	
		5,643,265	07/01/1997	Errico, et al.	
		5,653,708	08/05/1997	Howland	
		5,676,703	10/14/1997	Gelbard	
		5,709,686	01/20/1998	Talos, et al.	
AK		5,713,900	02/03/1998	Benzel, et al.	

*Annette Reimers**12/20/06*

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		5,725,588	03/10/1998	Errico, et al.	
		5,735,853	04/07/1998	Olerud	
		5,735,899	04/07/1998	Schwartz, et al.	
		5,741,258	04/21/1998	Klaue, et al.	
		5,797,912	08/25/1998	Runciman, et al.	
		5,810,823	09/22/1998	Klaue, et al.	
		5,879,389	03/09/1999	Koshino	
		5,964,762	10/12/1999	Biedermann, et al.	
		5,976,141	11/02/1999	Haag, et al.	
		6,022,350	02/08/2000	Ganem	
		6,039,740	03/21/2000	Olerud	
		6,117,173	09/12/2000	Taddia, et al.	
		6,206,882	03/27/2001	Cohen	
		6,214,005	04/10/2001	Benzel, et al.	
		6,228,085	05/08/2001	Theken, et al.	
		6,235,033	05/22/2001	Brace, et al.	
		6,254,603	07/03/2001	Gertzbein, et al.	
		6,258,089	07/10/2001	Campbell et al.	
		6,261,291	07/17/2001	Talaber, et al.	
		6,273,889	08/14/2001	Richelsoph	
		6,306,136	10/23/2001	Baccelli	
		6,322,562	11/27/2001	Wolter	
		6,328,738	12/11/2001	Suddaby	
		6,331,179	12/18/2001	Freid, et al.	
		6,332,887	12/25/2001	Knox	
		6,342,055	01/29/2002	Eisermann, et al.	
		6,361,537	03/26/2002	Anderson	

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AK		6,402,755	06/11/2002	Pisharodi	
		6,406,478	06/18/2002	Kuo	
		6,413,259	07/02/2002	Lyons, et al.	
		6,416,528	07/09/2002	Michelson	
		6,454,769	09/24/2002	Wagner, et al.	
		6,478,797	11/12/2002	Paul	
		6,527,776	03/04/2003	Michelson	
		6,572,619	06/03/2003	Santilli	
		6,575,975	06/10/2003	Brace, et al.	
		6,579,290	06/17/2003	Hardcastle, et al.	
		6,592,586	07/15/2003	Michelson	
		6,595,993	07/22/2003	Donno, et al.	
		6,599,290	07/29/2003	Bailey, et al.	
		6,602,257	08/05/2003	Thramann	
		6,605,090	08/12/2003	Trieu, et al.	
		6,613,053	09/02/2003	Collins, et al.	
		6,616,666	09/09/2003	Michelson	
		6,620,163	09/16/2003	Michelson	
		6,623,486	09/23/2003	Weaver, et al.	
		6,626,907	09/30/2003	Campbell et al.	
		6,669,700	12/30/2003	Farris, et al.	
		6,695,846	02/24/2004	Richelsoph, et al.	
AK		6,755,833	06/29/2004	Paul et al.	

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		2001/0021851	09/13/2001	Eberlein, et al.	
		2001/0037112	11/01/2001	Brace, et al.	
		2001/0041894	11/15/2001	Campbell, et al.	
		2001/0047172	11/29/2001	Foley, et al.	
		2001/0047174	11/29/2001	Donno, et al.	
		2002/0013586	01/31/2002	Justis, et al.	
		2002/0022843	02/21/2002	Michelson	
		2002/0045896	04/18/2002	Michelson	
		2002/0045898	04/18/2002	Freid, et al.	
		2002/0045899	04/18/2002	Errico, et al.	
		2002/0049444	04/25/2002	Knox	
		2002/0058939	05/16/2002	Wagner, et al.	
		2002/0065517	05/30/2002	Paul	
		2002/0068938	06/06/2002	Jackson	
		2002/0077630	06/20/2002	Lin	
		2002/0111630	08/15/2002	Ralph, et al.	
		2002/0120268	08/29/2002	Berger	
<i>AR</i>		2002/0120271	08/29/2002	Dixon, et al.	
		2002/0120272	08/29/2002	Yuan, et al.	

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Substitute for form 1449/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			Application Number	10/627,085
			Filing Date	07/24/2003
			First Named Inventor	Kamaljit S. Paul
			Art Unit	3733
			Examiner Name	Annette R. Reimers
Sheet 6	Of	8	Attorney Docket Number	29678-1

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AK		2002/0120273	08/29/2002	Needham, et al.	
		2002/0128654	09/12/2002	Steger, et al.	
		2002/0128655	09/12/2002	Michelson	
		2002/0151893	10/17/2002	Santilli	
		2002/0173790	11/21/2002	Chang, et al.	
		2002/0183754	12/05/2002	Michelson	
		2002/0183755	12/05/2002	Michelson	
		2002/0183756	12/05/2002	Michelson	
		2002/0183757	12/05/2002	Michelson	
		2002/0188296	12/12/2002	Michelson	
		2003/0023242	01/30/2003	Harrington, Jr.	
		2003/0040749	02/27/2003	Grabowski, et al.	
		2003/0060828	03/27/2003	Michelson	
		2003/0078583	04/24/2003	Biedermann, et al.	
		2003/0093082	05/15/2003	Campbell, et al.	
		2003/0105462	06/05/2003	Haider	
		2003/0130661	07/10/2003	Osman	
		2003/0149434	08/07/2003	Paul	
		2003/0153920	08/14/2003	Ralph, et al.	
		2003/0181912	09/25/2003	Michelson	
		2003/0187440	10/02/2003	Richelsoph, et al.	
		2003/0187441	10/02/2003	Bolger, et al.	
		2003/0187442	10/02/2003	Richelsoph, et al.	
		2003/0187509	10/02/2003	Lemole, Jr.	
		2003/0191471	10/09/2003	Michelson	
AR		2003/0191472	10/09/2003	Michelson	

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Substitute for form 1449/PTO		<i>Complete if Known</i>	
		Application Number	10/627,065
		Filing Date	07/24/2003
		First Named Inventor	Kamaljit S. Paul
		Art Unit	3733
		Examiner Name	Annette R. Reimers
Sheet 7	Of 8	Attorney Docket Number	29678-1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Number-Kind Code<sup>2</sup> (if known)</i>					
<i>AK</i>		2003/0208204	11/06/2003	Bailey, et al.	
		2003/0225409	12/04/2003	Freid et al.	
		2004/0030338	02/12/2004	Paul	
		2004/0087951	05/06/2004	Khalili	
		2004/0092939	05/13/2004	Freid, et al.	
		2004/0097934	05/20/2004	Farris, et al.	
		2004/0097935	05/20/2004	Richelsoph, et al.	
		2004/0097950	05/20/2004	Foley, et al.	
		2004/0122426	06/24/2004	Michelson	
		2004/0127896	07/01/2004	Lombardo, et al.	
		2004/0127899	07/01/2004	Konieczynski, et al.	
		2004/0204710	10/14/2004	Patel, et al.	
		2004/0220571	11/04/2004	Assaker, et al.	
		2005/0038436	02/14/2005	Michelson	
		2005/0049593	03/03/2005	Duong, et al.	
<i>AK</i>		2005/0192577	09/01/2005	Mosca et al.	

*Annette Reimers**12/20/06*

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		Application Number	10/627,065
		Filing Date	07/24/2003
		First Named Inventor	Kamaljit S. Paul
		Art Unit	3733
		Examiner Name	Annette R. Reimers
Sheet 8	Of 8	Attorney Docket Number	29678-1

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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- See attached certification statement.
- Fee set forth in 37 CFR 1.17(p) has been submitted herewith.
- None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature

Signature	/Thomas D. Wilhelm/	Date (YYYY-MM-DD)	2006-09-07
Name/Print	Thomas D. Wilhelm	Registration Number	28,794

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>	Application Number		10627065	
	Filing Date		2003-07-24	
	First Named Inventor		Paul	
	Art Unit		3733	
	Examiner Name		Annette R. Reimers	
	Attorney Docket Number		29678-1	

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AK	1	6761719		2004-07-13	Justis et al.	

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AK	1	20050283152		2005-12-22	Lindemann et al.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

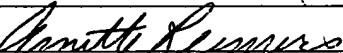
Application Number	10627065
Filing Date	2003-07-24
First Named Inventor	Paul
Art Unit	3733
Examiner Name	Annette R. Reimers
Attorney Docket Number	29678-1

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